How to change track rod end on **Audi 80 B4** – replacement guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:
AUDI 80 B2 (81, 85) 1.3, AUDI 80 B2 (81, 85) 1.6, AUDI 80 B2 (81, 85) 1.6 (DT), AUDI 80 B2 (81, 85) 1.6 GLE, AUDI Coupe B2 (81, 85) 1.8, AUDI 80 B2 (81, 85) 1.8, AUDI 80 B2 (81, 85) 1.8 GTE, AUDI 80 B2 (81, 85) 1.6 D, AUDI 80 B2 (81, 85) 1.6 TD, AUDI 80 B2 (81, 85) 1.8 CC quattro, AUDI 80 B2 (81, 85) 1.8 GTE quattro, AUDI 80 B3 (89, 89Q, 8A) 1.6, AUDI 80 B3 (89, 89Q, 8A) 1.8, AUDI 80 B3 (89, 89Q, 8A) 1.8 S, AUDI 80 B3 (89, 89Q, 8A) 1.8 E, (+ 107)

The steps may slightly vary depending on the car design.

REPLACEMENT: TRACK ROD END – AUDI 80 B4. TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- High-temperature ceramic grease
- Torque wrench
- Combination spanner #14
- Combination spanner #22
- Drive socket # 17
- Wheel impact socket #17
- Ratchet wrench
- Ball joint puller
- Vernier caliper
- Wheel chock

BUY TOOLS

Replacement: track rod end – Audi 80 B4. AUTODOC experts recommend:

- Replace tie rod ends in pairs.
- The replacement procedure is identical for the right and left tie rod ends.
- Please note: all work on the car – Audi 80 B4 – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Secure the wheels with chocks.



2 Loosen the wheel mounting bolts. Use wheel impact socket #17.



3 Raise the front of the car and secure on supports.



4 Unscrew the wheel bolts.



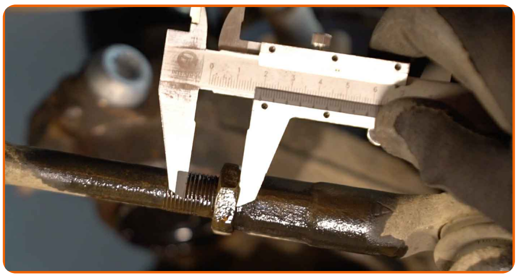
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. Audi 80 B4

5 Remove the wheel.



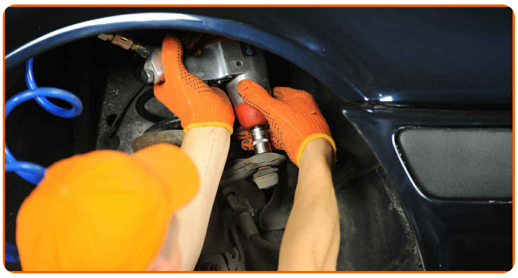
6 When deinstalling, mark or measure the precise position of the ball joint on the track rod, or count the number of turns in order to prevent misalignment afterward. Use a vernier caliper.



7 Clean all tie rod end connections. Use a wire brush. Use WD-40 spray.

8

Unscrew the end fastening nut to the steering knuckle. Use a drive socket #17. Use a ratchet wrench.



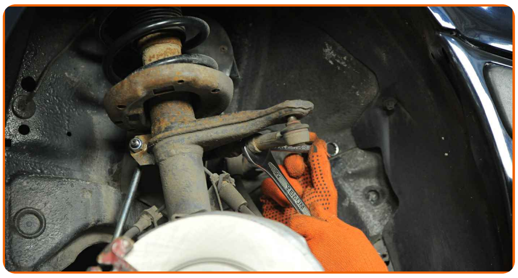
9

Disconnect the tie rod end from the steering knuckle. Use a ball joint puller.



10

Loosen the lock nut securing the tie rod end to the tie rod. Use a combination spanner #14. Use a combination spanner #22.



11

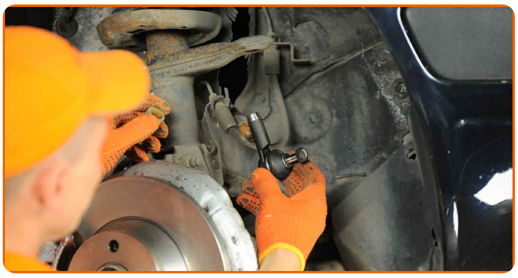
Screw the end out of the tie rod.



12

Clean the mounting seats of the tie rod end. Use a wire brush. Use WD-40 spray.

13 Screw on a new tie rod end.



Replacement: track rod end – Audi 80 B4. Tip from AUTODOC experts:

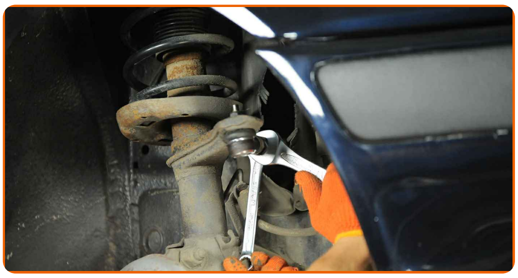
- While installing the steering rod end remember to make the same number of turns or to leave the same length of thread showing as per your measurements.

14 Connect the tie rod end to the steering knuckle.

15 Tighten the fastening nut connecting the tie rod end to the steering knuckle. Use a drive socket #17. Use a torque wrench. Tighten it to 30 nm torque.

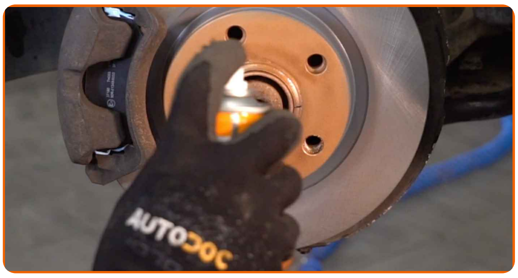


16 Tighten the tie rod end locknut. Use a combination spanner #14. Use a combination spanner #22. Use a torque wrench. Tighten it to 40 nm torque.



17 Treat all tie rod end connections. Use copper grease.

18 Treat the surface where the brake disc contacts the wheel rim. Use high-temperature ceramic grease.



19 Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: track rod end – Audi 80 B4. After applying the spray, wait a few minutes.

20 Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Audi 80 B4

21 Screw in the wheel bolts. Use wheel impact socket #17.



22 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.



23 Remove the jacks and chocks.



Replacement: track rod end – Audi 80 B4. Tip from AUTODOC experts:

- Check and adjust wheel alignment if necessary.

WELL DONE!

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